

What is claimed is:

1. A support structure for a blanket cylinder of an offset printing press comprising:
  - a first eccentric bearing that is rotatably supported by frames of the offset printing press;
  - a second eccentric bearing that is rotatably supported by said first eccentric bearing so as to rotatably support an shaft of a blanket cylinder;
  - a printing pressure adjustment device that rotates said first eccentric bearing relative to said frames, thereby adjusting a clearance between an impression cylinder and a blanket cylinder; and
  - a throw-on device that rotates the second eccentric bearing relative to said first eccentric bearing, thereby performing throw-on and throw-out operations,wherein a throw-on distance of said throw-on device is variable.
2. The support structure according to claim 1, wherein said throw-on distance of said throw-on device is switchable between a standard throw-on distance and a thick-sheet throw-on distance, said thick-sheet throw-on distance being smaller than said standard throw-on distance.
3. The support structure according to claim 2 further comprising a control device that controls said printing pressure adjustment device and said throw-on device on the basis of the thickness of sheets to be printed, wherein:
  - said control device switches the throw-on distance of said throw-on device from said standard throw-on distance to said thick-sheet throw-on distance and designates the result determined by subtracting the difference between

said standard throw-on distance and said thick-sheet throw-on distance from the change amount of the thickness of sheets as the adjusting amount of said printing pressure adjustment device where the thickness of sheets before changing is less than a predetermined value and the thickness of sheets after changing is equal to or more than said predetermined value;

said control device switches said throw-on distance of said throw-on device from said thick-sheet throw-on distance to said standard throw-on distance and designates the result determined by subtracting the difference between said standard throw-on distance and said thick-sheet throw-on distance from the change amount of the thickness of sheets as the adjusting amount where the thickness of sheets before changing is equal to or more than said predetermined value and the thickness of sheets after changing is less than said predetermined value; and

said control device does not switch said throw-on distance of said throw-on device and designates the change amount of the thickness of sheets as the adjusting amount of said printing pressure adjustment device where both the thicknesses of sheets before and after changing are either less than, or equal to or more than said predetermined value.

4. The support structure according to claim 1, wherein said support structure is designed for supporting plural blanket cylinders of a multi-color printing press, wherein said printing pressure adjustment device and said throw-on device are provided for each of said plural blanket cylinders, and said control unit makes said printing press incapable of printing where the throw-on distances of all the throw-on devices are not the same as each other.

5. The support structure according to claim 2, wherein said support structure is designed for supporting plural blanket cylinders of a multi-color printing press, wherein said printing pressure adjustment device and said throw-on device are provided for each of said plural blanket cylinders, and said control unit makes said printing press incapable of printing where the throw-on distances of all the throw-on devices are not the same as each other.